

Claims.

1. An I.S. machine for blowing a parison of glass in  
5 a blow mold and cooling the blown parison into a formed  
bottle which can be removed from the blow mold comprising

a blow head arm,

means for supporting said blow head arm at an  
"on" position,

10 at least one blow head supported by said blow  
head arm,

each of said blow heads including an inlet for  
supplying air to the interior of a parison to blow the  
parison,

15 air supply means for supplying air at a  
selected pressure to the inlet of the blow heads to blow  
the parison, and

pressure sensing means for sensing a pressure  
representative of the pressure within a parison as it is  
20 blown, and

control means for receiving data from said  
pressure sensing means and for determining the time  
during blow head "on" of an occurrence of a local minimum  
pressure as a parison is blown.

25 2. An I.S. machine according to claim 1, wherein  
each of the blow heads engages the top surface of a  
corresponding number of blow molds when the blow head arm  
is at the "on" position.

30 3. An I.S. machine according to claim 1, further  
comprising displacement means for raising said blow head  
arm a selected vertical distance, at a predetermined time  
relative to the time of said local minimum, said selected  
35 vertical distance being selected so that at least a  
minimum pressure will continue within the blown parison.